

Hazel
Wed

UNITED STATES ARMY
CHEMICAL CORPS BIOLOGICAL LABORATORIES
FORT DETRICK, MARYLAND

CMLRD-BL-10-PD

20 October 1960

Dr. Joshua Lederberg
Medical Center
Stanford University
Palo Alto, California

Dear Joshua:

Dr. William Perkins, who heads up the Stanford Aerosol Laboratory which is located within the Chemistry Department at your institution, has just been chatting with me about some ideas he had for devices which might determine chemical composition of the atmosphere on Mars or Venus and also give some idea of the composition of the particulate matter in the air.

He has appointments to talk with George Derbyshire and Roger Moore, who deals with planetary programs at NASA, on his way back to Stanford. I took the liberty of suggesting that he certainly should talk with you since his ideas for chemical sampling and yours for biological sampling do not seem too widely separated.

He and his coworkers at the Aerosol Laboratory have done a lot of fundamental work for the Chemical Corps on cloud physics and the behaviour of particulate matter in the atmosphere. This has necessitated quite a bit of special design and fabrication of meteorological and sampling equipment and the whole program has been most valuable in helping us predict the effects of chemical and biological agents.

Sincerely,

Charlie

CHARLES R. PHILLIPS
Chief, Physical Defense Division

cc: Dr. W. Perkins